

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(270027) Hex(330033) Hex(002713) Hex(141214) Hex(540054) Hex(D400D3)

| | Hex(270027) | Hex(330033) | Hex(002713) | Hex(141214) | Hex(540054) | Hex(D400D3) |
|-------------|---|---|---|---|---|---|
| Hex(270027) | | Ratio: 1.07 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.35 Failed ⁵ | Ratio: 4.25 AA 18pt ² |
| Hex(330033) | Ratio: 1.07 Failed ⁵ | | Ratio: 1.09 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 3.99 AA 18pt ² |
| Hex(002713) | Ratio: 1.16 Failed ⁵ | Ratio: 1.09 Failed ⁵ | | Ratio: 1.15 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 3.65 AA 18pt ² |
| Hex(141214) | Ratio: 1.01 Failed ⁵ | Ratio: 1.06 Failed ⁵ | Ratio: 1.15 Failed ⁵ | | Ratio: 1.34 Failed ⁵ | Ratio: 4.21 AA 18pt ² |
| Hex(540054) | Ratio: 1.35 Failed ⁵ | Ratio: 1.27 Failed ⁵ | Ratio: 1.16 Failed ⁵ | Ratio: 1.34 Failed ⁵ | | Ratio: 3.15 AA 18pt ² |
| Hex(D400D3) | Ratio: 4.25 AA 18pt ² | Ratio: 3.99 AA 18pt ² | Ratio: 3.65 AA 18pt ² | Ratio: 4.21 AA 18pt ² | Ratio: 3.15 AA 18pt ² | |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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